

CLAIMS

What is claimed is:

1. A program product operable on a computer comprising: a computer-usable medium; wherein the computer usable medium comprises instructions for a computer to perform steps comprising:
 - displaying a time period for a calendar system;
 - determining if a generic event date occurs between a first generic date and a last generic date;
 - responsive to the determination that the generic event date occurs between the first generic date and the last generic date, determining if the generic event date is in a date caching file;
 - responsive to the determination that the generic event date is not in the date caching file, translating the generic event date into an event date;
 - displaying the event date on the time period;
 - wherein the first generic date is the generic date for a first date displayed on the time period; and
 - wherein the last generic date is the generic date for a last date displayed on the time period.
2. The program product of claim 1 wherein the steps further comprise:
 - responsive to the determination that the generic event date is in the date caching file, reading the event date for the generic event date from the date caching file.
3. The program product of claim 1 wherein the steps further comprise:
 - determining whether the first date on the time period is in the date caching file;

responsive to the determination that the first date on the time period is in the date caching file, reading the generic first date for the first date from the date caching file;

responsive to the determination that the first date on the time period is not in the date caching file, translating the first date into the first generic date;

determining whether the last date on the time period is in the date caching file;

responsive to the determination that the last date on the time period is in the date caching file, reading the last generic date for the last date from the date caching file; and

responsive to the determination that the last date on the time period is not in the date caching file, calculating the last generic date for the last date.

4. The program product of claim 1 wherein the calendar system is a custom calendar system, wherein a user can define the name and length of a year, a month, a week, and a day in the custom calendar system.
5. The program product of claim 1 wherein the calendar system is a Gregorian calendar system.
6. The program product of claim 1 wherein the calendar system is a non-Gregorian calendar system.
7. A program product operable on a computer comprising: a computer-usable medium; wherein the computer usable medium comprises instructions for a computer to perform steps comprising:
 - determining whether a date is a generic date;
 - responsive to the determination that the date is not a generic date, determining if the date is in a date caching file;

responsive to the determination that the date is not in a date caching file, translating the date into the generic date; and

saving the generic date with an event in an events file.

8. The program product of claim 7 further comprising:

accepting user input of the date; and

accepting user input of the event.

9. The program product of claim 7 further comprising:

responsive to the determination that the date is in the date caching file, reading the generic date for the date from the date caching file.

10. The program product of claim 7 wherein the date is from a custom calendar system, wherein a user can define the name and length of a year, a month, a week, and a day in the custom calendar system.

11. The program product of claim 7 wherein the date is from a Gregorian calendar system.

12. The program product of claim 7 wherein the date is from a non-Gregorian calendar system.

13. A program product operable on a computer comprising: a computer-usable medium; wherein the computer usable medium comprises instructions for a computer to perform steps comprising:

an event conversion program, wherein the event conversion program translates an event date into a generic event date; and

a display program, wherein the display program displays a time period for a calendar system with the event if the event occurs within the time period.

14. The program product of claim 13 wherein the event conversion program comprises steps comprising:
 - determining whether the date is a generic date;
 - responsive to the determination that the date is not the generic date, determining if the date is in a date caching file;
 - responsive to the determination that the date is not in a date caching file, translating the date into the generic date; and
 - saving the generic date with an event in an events file.
15. The program product of claim 14 further comprising:
 - accepting user input of the date; and
 - accepting user input of the event.
16. The program product of claim 14 further comprising:
 - responsive to the determination that the date is in the date caching file, reading the generic date for the date from the date caching file.
17. The program product of claim 14 wherein the date is from a custom calendar system.
18. The program product of claim 14 wherein the date is from a Gregorian calendar system.
19. The program product of claim 14 wherein the date is from a non-Gregorian calendar system.
20. The program product of claim 13 wherein the display program comprises steps comprising:
 - displaying the time period for the calendar system;
 - determining if the generic event date occurs between a first generic date and a last generic date;

responsive to the determination that the generic event date occurs between the first generic date and the last generic date, determining if the generic event date is in a date caching file;

responsive to the determination that the generic event date is not in the date caching file, translating the generic event date into the event date;

displaying the event date on the time period;

wherein the first generic date is the generic date for a first date displayed on the time period; and

wherein the last generic date is the generic date for a last date displayed on the time period.

21. The program product of claim 20 wherein the steps further comprise:

responsive to the determination that the generic event date is in the date caching file, reading the event date for the generic event date from the date caching file.

22. The program product of claim 20 wherein the steps further comprise:

determining whether the first date on the time period is in the date caching file;

responsive to the determination that the first date on the time period is in the date caching file, reading the generic first date for the first date from the date caching file;

responsive to the determination that the first date on the time period is not in the date caching file, translating the first date into the first generic date;

determining whether the last date on the time period is in the date caching file;

responsive to the determination that the last date on the time period is in the date caching file, reading the last generic date for the last date from the date caching file; and

responsive to the determination that the last date on the time period is not in the date caching file, calculating the last generic date for the last date.

23. The program product of claim 20 wherein the calendar system is a custom calendar system, wherein a user can define the name and length of a year, a month, a week, and a day in the custom calendar system.

24. The program product of claim 20 wherein the calendar system is a Gregorian calendar system.

25. The program product of claim 20 wherein the calendar system is a non-Gregorian calendar system.

26. A method for scheduling events in a plurality of calendar systems comprising:

accessing a time period for a calendar system, the time period containing a first date and a last date;

determining if a generic event date occurs between a first generic date and a last generic date;

responsive to the determination that the generic event date occurs between the first generic date and the last generic date, determining if the generic event date is in a date caching file;

responsive to the determination that the generic event date is not in the date caching file, translating the generic event date into an event date;

transmitting the event date to the time period;

wherein the first generic date is the generic date for the first date displayed on the time period; and

wherein the last generic date is the generic date for the last date displayed on the time period.

27. The method of claim 26 wherein the steps further comprise:

responsive to the determination that the generic event date is in the date caching file, reading the event date for the generic event date from the date caching file.

28. The method of claim 26 wherein the steps further comprise:

determining whether the first date on the time period is in the date caching file;
responsive to the determination that the first date on the time period is in the date caching file, reading the generic first date for the first date from the date caching file;
responsive to the determination that the first date on the time period is not in the date caching file, translating the first date into the first generic date;
determining whether the last date on the time period is in the date caching file;
responsive to the determination that the last date on the time period is in the date caching file, reading the last generic date for the last date from the date caching file; and
responsive to the determination that the last date on the time period is not in the date caching file, calculating the last generic date for the last date.

29. The method of claim 26 wherein the calendar system is a custom calendar system, wherein a user can define the name and length of a year, a month, a week, and a day in the custom calendar system.

30. The method of claim 26 wherein the calendar system is a Gregorian calendar system.

31. The method of claim 26 wherein the calendar system is a non-Gregorian calendar system.

32. A method for translating dates for a plurality of calendar systems comprising:

determining whether a date is a generic date;

responsive to the determination that the date is not a generic date, determining if the date is in a date caching file;

responsive to the determination that the date is not in a date caching file, translating the date into the generic date; and

saving the generic date with an event in an events file.

33. The method of claim 32 further comprising:

accepting user input of the date; and

accepting user input of the event.

34. The method of claim 32 further comprising:

responsive to the determination that the date is in the date caching file, reading the generic date for the date from the date caching file.

35. The method of claim 32 wherein the date is from a custom calendar system, wherein a user can define the name and length of a year, a month, a week, and a day in the custom calendar system.

36. The method of claim 32 wherein the date is from a Gregorian calendar system.

37. The method of claim 32 wherein the date is from a non-Gregorian calendar system.